Field ID No.:

					<del></del>	
09-Fundi	ng Code	:: <u>WPZ6</u> _10-Agency	Routing Mo	<u>o</u> 2	2-File Code: AGRI_13-Sampling Type: X	
15-Repor	ting:B	16-DID:Basin	Count	у. <b>/</b>	89 Plant 17-Sampling Program: AG	
18-Facil	ity/Sam	ple Pt: Fay81a	Mac-i	Da	ILY-EACM/SAMPLE_A_	
		·		<u>.</u>	19-Begin // 04/9 20-Begin /645	
23-Instructions					Date: YYMMDD HHMM	
to La	b:	- <b></b>	_ 21-Coll	ecte	ed by: JD1 22-Transported by: JD1 _	
			-		-Received By: <u>UPS</u> Date: // 0420 Y Y M M D D	
Composite Sample					Received By: Date: YYMMDDD	
Ending Time: 5 2 9 F 0 Y Y M M D D					rrmmuu ccle One: Effluent Stream Specials	
Ending Time: 5 2 9 F 0				CIT	Influent Process Flows WWTP	
		H H M M (24-hr.clock)			Sludge Gooling Water Other	
					Program: Livestock	
03-Lab Parameter Group: _EFF05_				NPE	DES NO:	
Additional Field				Receiving Stream Name:		
Lab Parameters Parameters Results			Results	IL Environmental Processis Agency		
502F0 Air Temp ('C)				Receiving Stream Conditions (velocity felic):		
502F0 Water Temp ('C)				<del></del>		
504F0						
Dissolved 02 503F0				Eff	fluent Conditions:	
		Conductance 500F0		ļ		
		pH		Wea	ather Conditions: Partly Sunny,	
		Comments and Unusual			warm about 70°F	
		Serverity:(If applica 'No Visable Problems	ble, Stamp This Visit'	1)	WATER, ADOLD TO P	
	-	<u> </u>	·			
	-			. ,	<i>C</i>	
	[ <sup>1</sup>	Remarks <u>Jample</u>	collect	20	from upstream trib. to	
	.	creek	<del> </del>	•		
	[	Sampling Techniques	: Trip ID	: <u>-</u> -	SD10997 ===	
		Grab			FOR LABOR 2.	
-					LAB ID NO	
			· · · · · · · · · · · · · · · · · · ·	_		
cc:					Sample Received by.	
Mod 1 may					APR 2 1 2011	
Mail To:					9.25	
Joe Stitely BOW/DWPC/FOS Marion Regional Office		İ	Time Received: 9:30 AM PM			
			Lab Section:			
	I WIGHOUT	anor regional office				
IL 532-157 WPC 526 6/	L			_]	Supervisor: 46 9//4	



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

#### LABORATORY RESULTS

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE A

Date Received:

04/21/11

Funding Code:

Client Sample ID:

WPZ6

Visit Number: Temperature C:

2.00

Trip ID:

SAMPLE A

Lab Sample ID:

SD10997-01

Matrix:

Water

Collected By: JDS

Date/Time Collected:

04/19/11 16:45

Sample Type:

Grab

Sample Depth:

Total Depth:

Biochemical Oxygen Demand, 5 day, by Standard Method 5210B

Method:

5210B

Prepared:

04/21/11 11:19

Units:

mg/L

Analyzed:

04/26/11 08:41

**Analyte** 

Qualifier

Reporting Limit

Regulatory Level

**BOD 5DAY** 

Result

3.80

2.00

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method:

353.2

Prepared:

Analyzed:

04/22/11 10:59 04/27/11 12:21

Units:

mg/L

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Nitrogen, Nitrite (NO2) + Nitrate (

ND

0.100

Nitrogen, Ammonia, Potentiometric, Ion Selective by EPA Method 350.3

Method:

350.3

Prepared:

05/11/11 09:51

Units:

mg/L

Analyzed:

05/11/11 14:51

**Analyte** 

Ammonia as N

Result

Qualifier

Reporting Limit

Regulatory Level

ND

0.10



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

#### **LABORATORY RESULTS**

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE A

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number:

2.00

Trip ID:

Temperature C:

Client Sample ID:

SAMPLE A

Lab Sample ID:

SD10997-01

Matrix:

Water -

Collected By: JDS

Date/Time Collected:

04/19/11 16:45

Sample Type:

Grab

Sample Depth:

Total Depth:

pΗ

Method:

150.1

Prepared:

04/21/11 13:47

Units:

PH

Analyzed:

04/21/11 13:50

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

0.0

Laboratory pH

8.1

Phosphorus, All Forms, Colorimetric, Ascorbic by EPA Method 365.3

Method:

365.3

Prepared:

04/26/11 13:10

Units:

mg/L

Analyzed:

04/28/11 09:38

<u>Analyte</u>

Result

<u>Oualifier</u>

Reporting Limit

Regulatory Level

Phosphorus as P

0.298

0.0050

Total Suspended Solids by Standard Method 2540D

Method:

2540D

Prepared:

04/22/11 07:48

Units:

mg/L

Analyzed:

04/22/11 07:48

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

**Total Suspended Solids** 

800

4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

#### **LABORATORY RESULTS**

Name:

Trip ID:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE A

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number:

Temperature C:

2.00

Notes and Definitions

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

\*

Non-NELAP accredited

Report Authorized by:

Sully Geyston Sample Prep Unit Supervisor The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test visults meet all requirements of NELAC (accredited by Florida DOH #537645).

Reported: 00:01/11 11:07 Fage 3 of 3

Route Lab Sheet Cc or: pink Field ID No .: IEPA-DWPC-FOS-LAB SHEET 09-Funding Code: WPZ6 10-Agency Routing MO 2-File Code: AGRI\_13-Sampling Type: X 15-Reporting B 16-DID: Basin \_ \_ \_ County 189 Plant \_ 17-Sampling Program: AG 18-Facility/Sample Pt: FayBlaMac\_Dairy\_Farm/Sample\_B\_\_ 19-Begin // 04/9 20-Begin /650
Date: Y Y M M D D H H M M 23-Instructions 21-Collected by: BER22-Transported by: JDSto Lab:\_ \_ \_ 27-Received By: ///S Date:/ Received By: Composite Sample Y W M D D Ending Time: 5 2 9 F 0 Circle One: Effluent Stream Specials Influent Process Flows WWTP HHMM Sludge Cooling Water Other (24-hr.clock) Program: Livestock NPDES No: 03-Lab Parameter Group: EFF05 Receiving Stream Na Additional Field Results Lab Parameters Parameters 502F0 Receiving Stream Condition Air Temp ('C) 502F0 MAION REGIONAL Water Temp {'C} 504F0 Dissolved 02 Effluent Conditions: 50370 Conductance 500F0 Weather Conditions: Partly Sunny, warm, about 70° Comments and Unusual Conditions and Serverity: (If applicable, Stamp "No Visable Problems This Visit") collected from creek immediately Remarks Trip ID: Sampling Techniques: SD10998 FOR LABOR LAB ID NC Sample Re. cc: Date Received: APR 2 1 2011 Mail To: Time Received: 9:30 AM Jc Stitely BC N/DWPC/FOS Lab Section: M\_ion Regional Office IL 532-157 Supervisor: WPC 526 6/



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

#### LABORATORY RESULTS

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE B

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number:

Trip ID:

Temperature C:

2.00

Client Sample ID:

SAMPLE B

Lab Sample ID:

SD10998-01

Matrix:

Water

Collected By: BER

Date/Time Collected:

04/19/11 16:50

Sample Type:

Grab

Sample Depth:

Total Depth:

Biochemical Oxygen Demand, 5 day, by Standard Method 5210B

Method:

5210B

Prepared:

04/21/11 11:19

Units:

mg/L

Analyzed:

04/26/11 08:41

<u>Analyte</u>

Qualifier

Reporting Limit

Regulatory Level

**BOD 5DAY** 

Result

623

2.00

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method:

353.2

Prepared:

04/22/11 10:59

Units:

mg/L

Analyzed:

04/27/11 12:26

**Analyte** 

Result

Qualifier

Reporting Limit

Regulatory Level

0.258

Nitrogen, Nitrite (NO2) + Nitrate

0.100

Nitrogen, Ammonia, Potentiometric, Ion Selective by EPA Method 350.3

Method:

350.3

Prepared:

05/11/11 09:51

Units:

mg/L

Analyzed:

05/11/11 14:51

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Ammonia as N

26.4

1.00



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### LABORATORY RESULTS

Name:

Trip ID:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE B

WPZ6

Funding Code:

SAMPLE B

Client Sample ID: Matrix:

Water

Collected By: BER

Sample Depth:

SD10998-01 04/19/11 16:50

04/21/11

2.00

Sample Type:

Grab

Total Depth:

Date Received:

Visit Number:

Temperature C:

Date/Time Collected:

Lab Sample ID:

рH

Method: Units:

150.1 PН

Prepared:

04/21/11 13:47

Analyzed:

04/21/11 13:50

**Analyte** 

Qualifier

Reporting Limit 0.0

Regulatory Level

Laboratory pH

Result 7.2

Phosphorus, All Forms, Colorimetric, Ascorbic by EPA Method 365.3

Method:

365.3

Prepared:

04/26/11 13:10 04/28/11 10:06

Units:

mg/L

**Analyte** 

Result

**Qualifier** 

Reporting Limit

Regulatory Level

Phosphorus as P

2.81

0.0050

Analyzed:

Total Suspended Solids by Standard Method 2540D

Method:

2540D

Prepared:

04/22/11 07:48

Units:

mg/L

Analyzed:

04/22/11 07:48

<u>Analyte</u>

Result

Qualifier

Reporting Limit

Regulatory Level

Total Suspended Solids

490

4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

## LABORATORY RESULTS

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE B

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number:

2.00

Trip ID:

Temperature C:

**Notes and Definitions** 

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

\* Non-NELAP accredited

Report Authorized by:

Sally Geyston Sample Prep Unit Supervisor The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

Reported: 06/01/11 11:07 Page 3 of 3

IL 532-157 WPC 526 6/ Supervisor: 66 6//4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

## LABORATORY RESULTS

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE C

Date Received:

04/21/11

Funding Code:

Client Sample ID:

WPZ6

Visit Number: Temperature C:

2.00

Trip ID:

SAMPLE C

Lab Sample ID:

SD11000-01

Matrix:

Water

Collected By: JDS

Date/Time Collected:

04/19/11 16:50

Sample Type:

Grab

Sample Depth:

Total Depth:

Biochemical Oxygen Demand, 5 day, by Standard Method 5210B

Method:

5210B

Prepared:

04/21/11 11:19

Units:

mg/L

Analyzed:

04/26/11 08:41

Analyte |

Result

Qualifier

Reporting Limit

Regulatory Level

BOD 5DAY

2.00

1060

Method:

353.2

Prepared:

Analyzed:

04/22/11 10:59

04/27/11 12:28

Units:

mg/L

Reporting Limit

Analyte

Result

Qualifier.

Regulatory Le el

Nitrogen, Nitrite (NO2) + Nitrate

0.464

0.100

Nitrogen, Ammonia, Potentiometric, Ion Selective by EPA Method 350.3

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method:

350.3

Prepared:

05/11/11 09:51

Units:

mg/L

Analyzed:

05/11/11 14:51

**Analyte** 

Result

Qualifier

Reporting Limit

Regulatory Le el

Ammonia as N

48.2

1.00



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

#### LABORATORY RESULTS

Name:

FAYBLAMAR DAIRY FARM

Project/Facili ty Number:

SAMPLE C

Trip (D:

Matrix:

Funding Code:

WPZ6

Client Sample ID;

SAMPLE C

Water

Sample Type:

Grab

Collected By: JDS

Sample Depth:

Lab Sample ID:

Total Depth:

Date/Time Collected:

Date Received:

Visit Number:

Temperature C:

SD11000-01 04/19/11 16:50

04/21/11

2.00

Method: Units:

150.1

PH

pН

Prepared:

04/21/11 13:47

Analyzed:

04/21/11 13:50

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Laboratory pH

7.1

0.0

Phosphorus, All Forms, Colorimetric, Ascorbic by EPA Method 365.3

Method:

365.3

Prepared:

04/26/11 13:10

Units:

mg/L

Analyzed:

04/28/11 10:23

Analyte

Qualifier

Reporting Limit

Phosphorus as P

<u>Result</u> 4.17

Regulatory Level

0.0050

Total Suspended Solids by Standard Method 2540D

Method:

2540D

Prepared:

04/22/11 07:48

Units:

mg/L

Analyzed:

04/22/11 07:48

**Analyte** 

Qualifier

Reporting Limit

Regulatory Level

Total Suspended Solids

Result 660



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

#### **LABORATORY RESULTS**

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE C

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number:

Trip ID:

Temperature C:

2.00

#### Notes and Definitions

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

Non-NELAP accredited

Report Authorized by:

Sally Geyston Sample Prep Unit Supervisor The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

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05 532-157 WBC 528 6/ Supervisor: <= </ri>



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### LABORATORY RESULTS

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE C-1

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number:

Trip ID:

Temperature C:

2.00

Client Sample ID:

SAMPLE C-1

Lab Sample ID:

SD11001-01

Matrix:

Water

Collected By: JDS

Date/Time Collected:

04/19/11 17:00

Sample Type:

Grab

Sample Depth:

Total Depth:

Biochemical Oxygen Demand, 5 day, by Standard Method 5210B

Method:

5210B

Prepared:

04/21/11 11:19

Units:

me/L

Analyzed:

04/26/11 08:41

**Analyte** 

Result

Qualifier

Reporting Limit

Regulatory Level

BOD 5DAY

2.00

40.0

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method:

353.2

Prepared: Analyzed: 04/22/11 10:59 04/27/11 12:30

Units:

mg/L

Reporting Limit

Analyte

Result ND

Oualifier

Regulatory Level

Nitrogen, Nitrite (NO2) + Nitrate (

0.100

Nitrogen, Ammonia, Potentiometric, Ion Selective by EPA Method 350.3

Method:

350.3

Prepared:

05/11/11 09:51

Units:

mg/L

Analyzed:

05/11/11 14:51

Analyte

Result

Qualifier

Reporting Limit

Regulatory Leve!

Ammonia as N

2.14

0.10

The results in this report apply to the samples analyzed in accordance with the cha- of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### LABORATORY RESULTS

Name:

FAYBLAMAR DAIRY FARM

Project/Facility Number:

SAMPLE C-1

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number:

Trip ID:

Temperature C:

2.00

Client Sample ID:

SAMPLE C-1

Lab Sample ID:

SD11001-01

Matrix:

Water

Collected By: JDS

Date/Time Collected:

04/19/11 17:00

Sample Type:

Grab

Sample Depth:

Total Depth:

Ηg

Method:

150.1

Prepared:

04/21/11 13:47

Units:

PH

Analyzed:

04/21/11 13:50

**Analyte** 

Result

Qualifier

Reporting Limit

Regulatory Level

Laboratory pH

7.3

0.0

Phosphorus, All Forms, Colorimetric, Ascorbic by EPA Method 365.3

Method:

365.3

Prepared: Analyzed:

04/26/11 13:10 04/28/11 10:10

Units:

**Analyte** 

mg/L

Result

Qualifier

Reporting Limit

Regulatory Level

Phosphorus as P

1.63

0.0050

Total Suspended Solids by Standard Method 2540D

Method:

2540D

Prepared:

04/22/11 07:48

Units:

mg/L

Analyzed:

04/22/11 07:48

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

**Total Suspended Solids** 

112

4



825 N Rutledge Springfield, Illinois 62702 217.782.9780

## LABORATORY RESULTS

Name:

FAYBLAMAR D. JRY FARM

Project/Facility Number: SAMPLE C-1

Date Received:

04/21/11

Funding Code:

WPZ6

Visit Number: Temperature C:

2.00

Trip ID:

Notes and Definitions

ND

Analyte NOT DETECTED at or . sove the reporting limit

NR

Not Reported

Non-NELAP accredited

Report Authorized by:

Sally Geyston Sample Prep Unit Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

> Reported: 06/01/11 11:06 Page 3 of 3